

TITLE: PACKET ROUTING SYSTEM AND METHOD INVENTOR'S NAME: Abraham R. Matthews, et al.

SERIAL NO.: 09/661,636 DOCKET NO.: 1384.002US1 REPLACEMENT SHEET

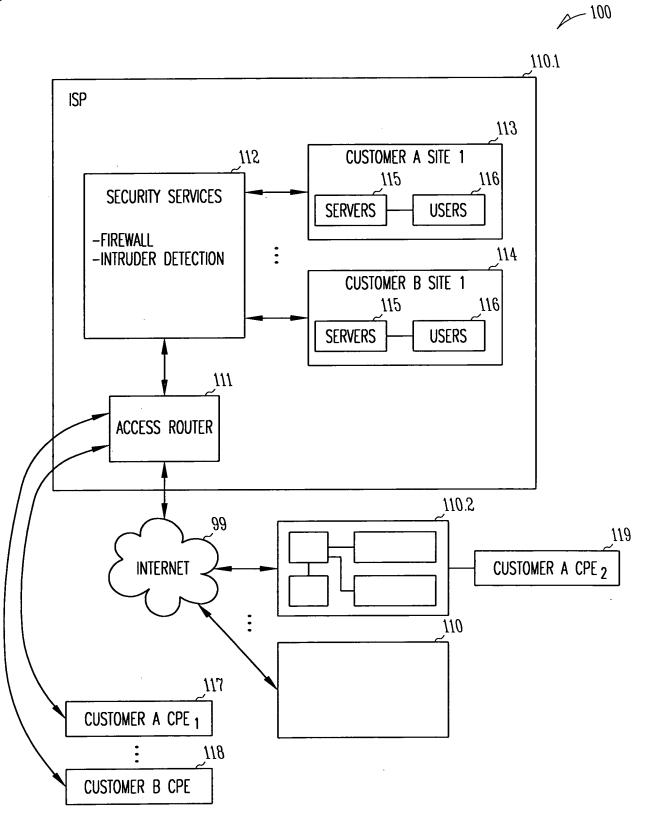
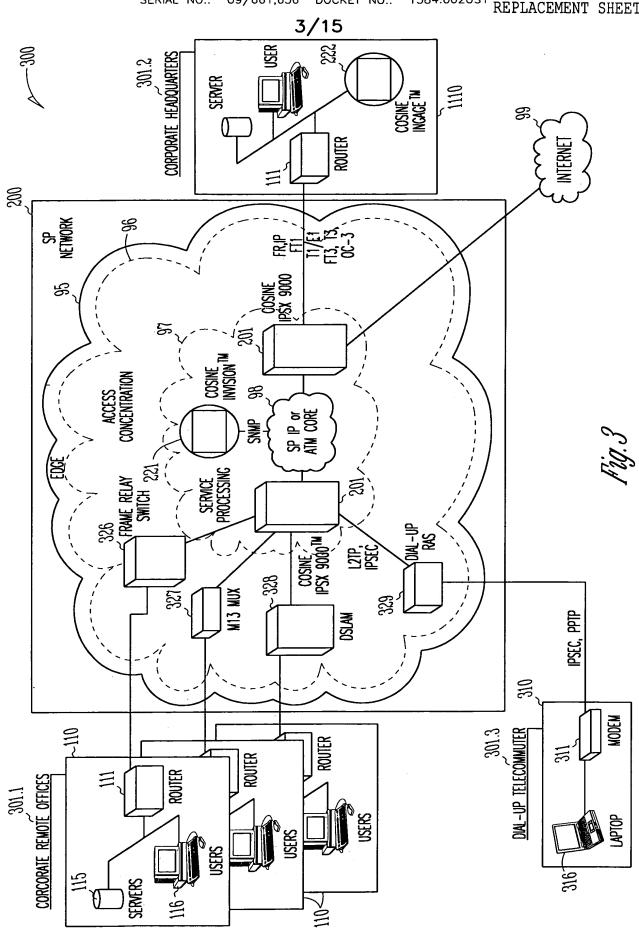


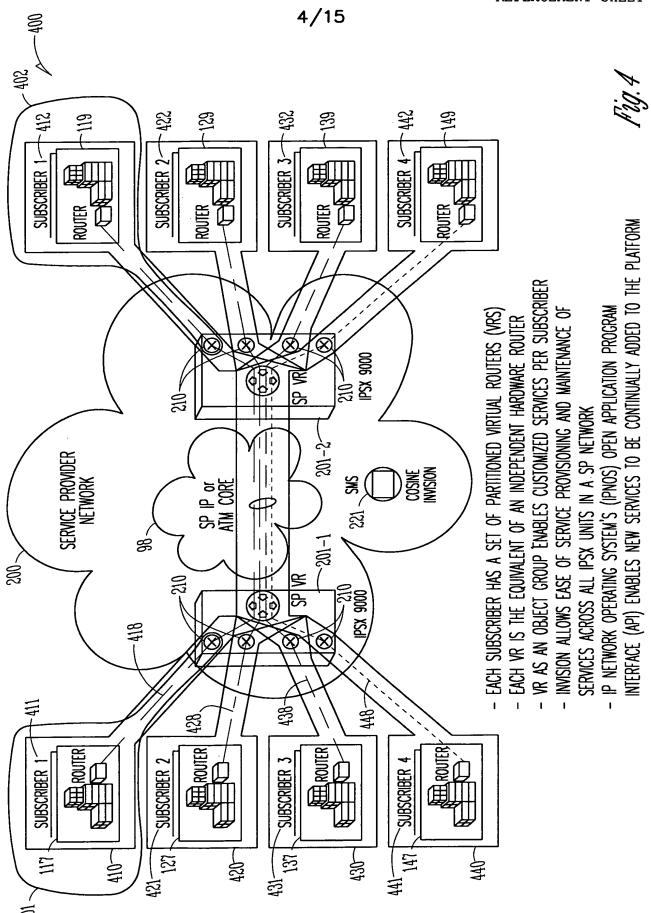
Fig. 1

SERIAL NO.: 09/661,636 DOCKET NO.: 1384.002US1 REPLACEMENT SHEET 2/15 500 501 VIRTUAL ROUTER 511 **OBJECT GROUP** 513 215 515 214 510 510 510 510 550 223 **SOFTWARE IPNOS** 222 221 SERVICE MANAGEMENT SYSTEM (INVISION $^{\text{TM}}$) CUSTOMER NETWORK MANAGEMENT SYSTEM (INGAGE TM) -SUBSCRIBER'S VISIBILITY -CONFIGURE BLADES TO SERVICES -DEFINE SUBSCRIBERS -DETERMINE SERVICES -IPSEC PUBLIC/PRIVATE KEY PAIRS 230 IPSX HARDWARE - SCALABLE CONTROL BLADE(S) \234 RING NETWORK OF 239 PROCESSOR BLADE(S) ~ 236 232-ACCESS BLADE(S) 240 **POWER SUPPLIES** FANS -241 - 242 98 SPs PREEXISTING NETWORK IP or ATM CORE

Fig.2

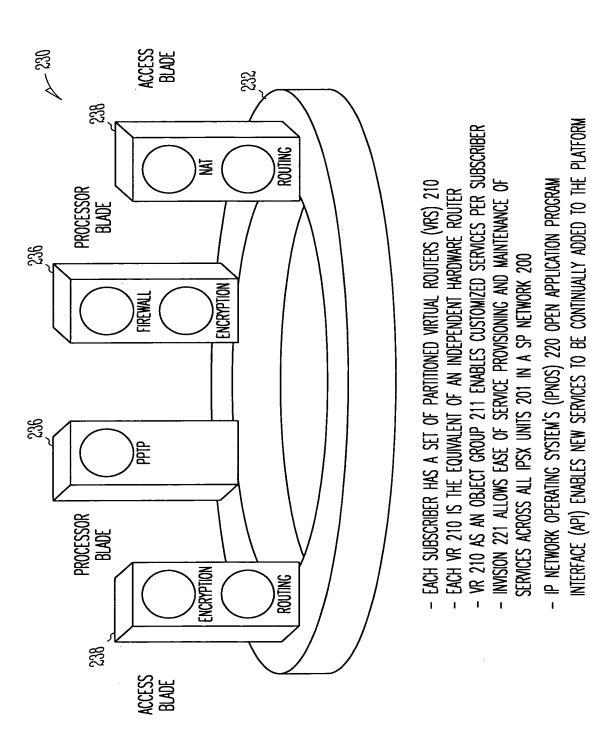


SERIAL NO.: 09/661,636



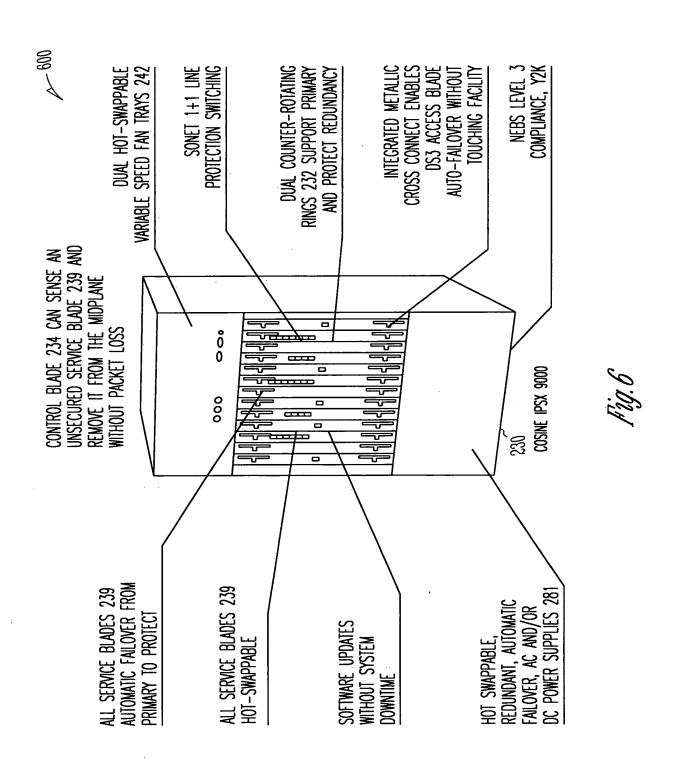
SERIAL NO.: 09/661,636 DOCKET NO.: 1384.002US1 REPLACEMENT SHEET



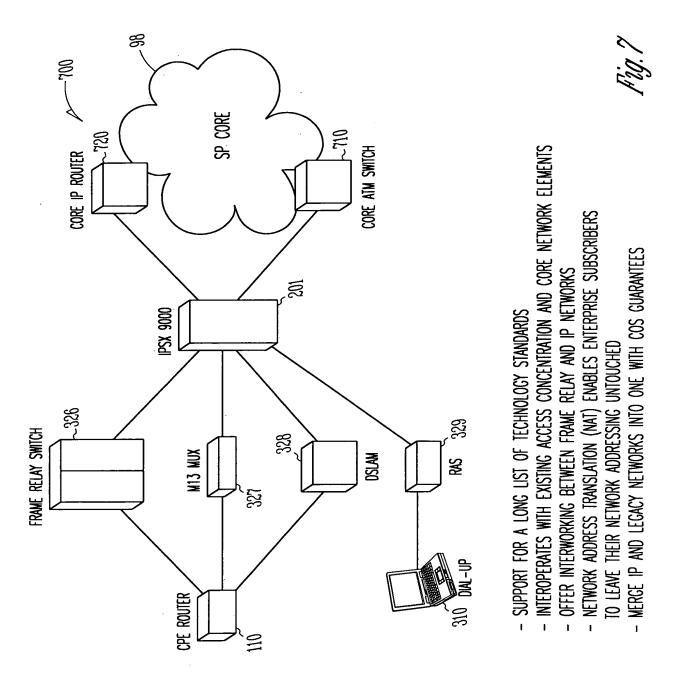


TITLE: PACKET ROUTING SYSTEM AND MELLISS INVENTOR'S NAME: Abraham R. Matthews, et al. RIAL NO.: 09/661,636 DOCKET NO.: 1384.002US1 REPLACEMENT SHEET PACKET ROUTING SYSTEM AND METHOD

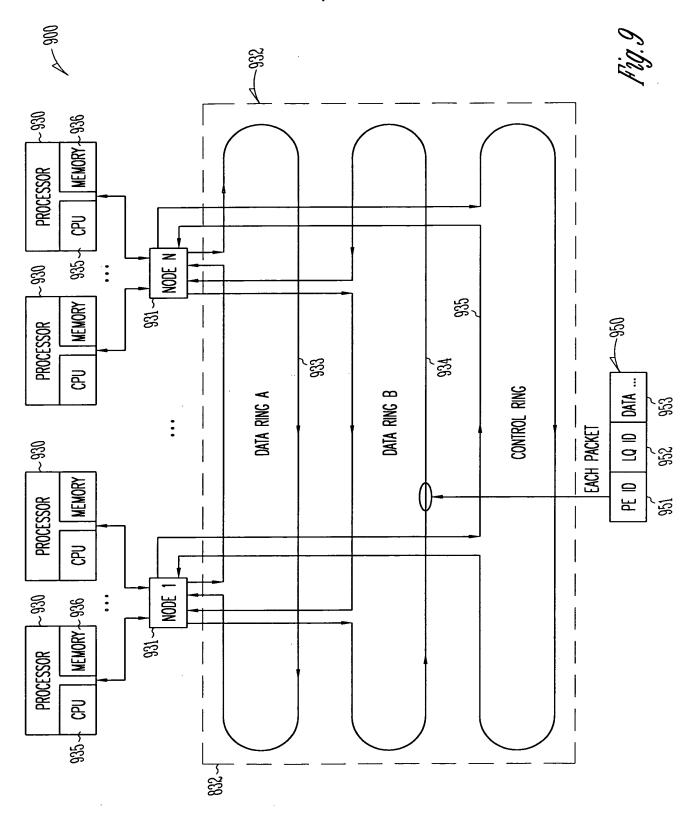
SERIAL NO.: 09/661,636

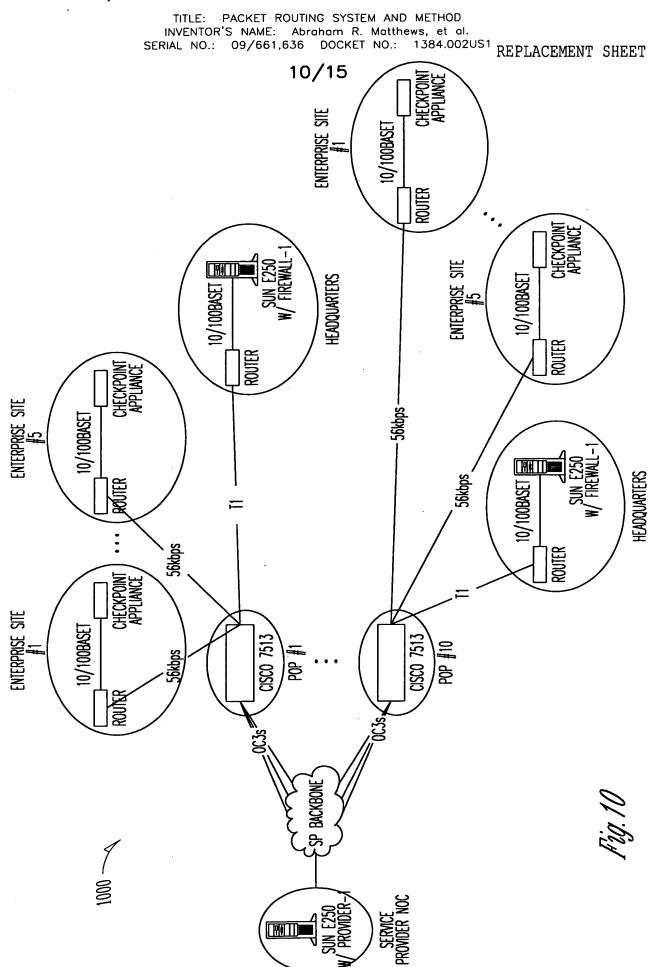


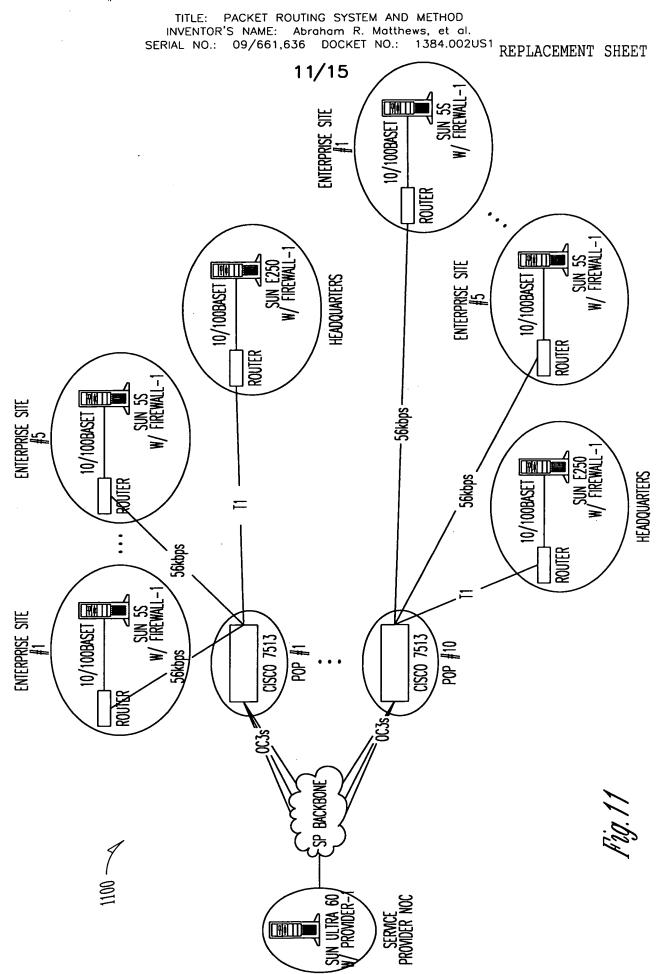
SERIAL NO.: 09/661,636 DOCKET NO.: 1384.002US1 REPLACEMENT SHEET



 ≥ 26—SLOT, TWO—SIDED CHASSIS ~831 > 22 GBPS PACKET RING MIDPLANE ~832 > THREE TYPES OF SERVICE BLADES ~239 ○ CONTROL ~234 ○ ACCESS ~238 ○ PROCESSOR ~236 ○ PROCESSOR ~236 ○ PROCESSING DAUGHTER CARDS FOR SERVICE BLADES ▼ POWER SUPPLY SYSTEM ~240
330
SOFTWARE: \sim IP Network operating system (ipnos) \sim 223 \sim virtual routing \sim 810 .
$ >$ IP SERVICE SUITE ~ 820 $ <$ IP SERVICE SUITE ~ 820 $ <$ IP SEC (DIAL AND DEDICATED) ~ 821 $ <$ O BANDWIDTH MANAGEMENT ~ 825 $ <$ O APPLICATION PROXY FIREWALL ~ 822 $ <$ O NULTIPROTOCOL LABEL SWITCHING (MPLS) ~ 826 $ <$ O NETWORK ADDRESS TRANSLATION (NAT) ~ 823 O FRAME RELAY TO IPSEC INTERWORKING ~ 827 O PPTP TUNNEL TERMINATION ~ 824







TITLE: PACKET ROUTING SYSTEM AND METHOD

